HPK/2013/0388
HIGH PEAK
5 AUG 2013
BOROUGH COUNCIL

Derbyshire Bat Conservation Group



C/o 9 Ashton Close
Mickleover
DERBY
DE3 0QD

10th July 2012

Chris Shaw
JCA Limited
Unit 80, Bowers Mill
Branch Road
Barkisland
Halifax
West Yorkshire
HX4 0AD

Dear Chris

Our reference: DBCG/2012/JCA1

Further to your request for bat records around a site in Glossop, please find enclosed the results search of our records. Six figure grid references are given where available.

Grid squares searched: SK 0192, 0193, 0194, 0292, 0293, 0294, 0392, 0393, 0394, 0492, 0493, 0494.

I have extended the area of search following our conversation this morning. The report includes reports from a series of 12 bat boxes in Long Clough Nature Reserve (DWT) which are highlighted in the report. I have not received any further reports from this site but it is possible that DWT may have some. If the report includes a Roost Code this indicates that some roost details have been supplied, except that a code of 63 indicates a roost for which we do not have details. The absence of records of bats or any species of bat from this search should not be taken as an absence of bats from the search area and a full survey may be needed to establish the status of bats in the area.

Records have been provided by volunteers but some NBMP data has been sent to us by BCT. Please see sheets referring to the interpretation of metadata.

Please do not hesitate to contact me if you require any further information.

Yours F[redacted]

Malcolm Hopton

Results of record search for bats around a site in Glossop (SK030935)



Common name	Record	Date	Map Ref	Roost Code	Number	Comments
Bat	5439	13-Aug-11	SK032939		40	NBMP Sunset Survey
Bat	5438	06-Aug-11	SK034944		5	NBMP Sunset Survey
Bat	5437	02-Aug-11	SK035947		48	NBMP Sunset Survey
Bat	5435	23-Jul-11	SK032940		22	NBMP Sunset Survey
Bat	2572	12-Nov-06	SK032925		0	Blue tit nest and possible bat droppings, fragments only
Bat	2574	12-Nov-06	SK032925		0	Blue tit nest plus 1 possible bat dropping, fragmented.
Bat	2317	20-May-04	SK035947		0	Single dropping found on wall of potential roost site. No bats at visit, no further signs found.
Bat	5409	11-Aug-03	SK041939			NBMP Sunrise Survey
Bat	1319	31-Jul-03	SK0493		0	No bats at time of visit. Few droppings in roof space. ? Pipistrelle.
Bat	465	10-Sep-99	SK017945	85	1	No bats at visit, only old droppings from previous years present
Bat	478	15-Jun-99	SK015943	95	0	No bats present at this visit, few fresh droppings.
Bat	477	06-Jun-99	SK015943	95	1	One bat disturbed by builder, desciption suggests pipistrelle
Daubenton's bat	4064	01-Jul-97	SK018949		1	One foraging over pond, June/July.
No Evidence of Bats	2579	12-Nov-06	SK032925		0	Blue tit nest
No Evidence of Bats	2575	12-Nov-06	SK032925		0	Blue tit nest
No Evidence of Bats	2576	12-Nov-06	SK032925		0	Bird roosting materials.
No Evidence of Bats	2577	12-Nov-06	SK032925		0	Empty box
No Evidence of Bats	2581	12-Nov-06	SK032925		0	Wasp nest in box
No Evidence of Bats	2582	12-Nov-06	SK032925		0	Empty box

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Common name	Record	Date	Map Ref	Roost Code	Number	Comments
No Evidenoe of Bats	2583	12-Nov-06	SK032925		0	Bird dropings in box
No Evidence of Bats	2580	12-Nov-06	SK032925		0	Box empty
No Evidence of Bats	1738	31-Oct-04	SK032925		0	
No Evidence of Bats	1730	31-Oct-04	SK032925		0	
No Evidence of Bats	1733	31-Oct-04	SK032925		0	
No Evidence of Bats	1734	31-Oct-04	SK032925		0	
No Evidence of Bats	1735	31-Oct-04	SK032925		0	
No Evidence of Bats	1737	31-Oct-04	SK032925		0	
No Evidence of Bats	1739	31-Oct-04	SK032925		0	
No Evidence of Bats	1740	31-Oct-04	SK032925		0	
No Evidence of Bats	1741	31-Oct-04	SK032925		0	
No Evidence of Bats	1736	31-Oct-04	SK032925		0	
Pipistrelle sp.	1670	12-Apr-03	SK0394	236	0	2 fresh droppings on sill and door. Owner reports bats flying around house.
Pipistrelle sp.	328	15-Feb-00	SK0394	49	1	Previous roost, pipistrelle identified by D Yalden. No bats present or droppings, but droppings present April to October
Pipistrelle sp.	4063	01-Jun-97	SK021944	114	112	Max count in June. 2 dead babies found in July, plus one live returnrd to roost.
Pipistrelle sp.	4147	09-Aug-93	SK0493	40308646	2	Bats present July. 2 bats feeding in garden.
Common pipistrelle (45)	5467	24-Aug-08	SK020943			VLA Data F Juvenile
Common pipistrelle (45)	5472	20-Apr-08	SK031941			VLA Data M Adult
Common pipistrelle (45)	512	09-Jun-99	SK0294	114	105	NBMP count
Common pipistrelle (45)	4230	20-Jun-98	SK021944	114	28	NBMP count
Common pipistrelle (45)	4229	15-Jun-98	SK021944	114	112	NBMP count
Common pipistrelle (45)	4228	29-Jun-97	SK021944	114	107	NBMP count

Common name	Record	Date	Map Ref	Roost Code	Number	Comments
Common pipistrelle (45)	4227	21-Jun-97	SK021944	114	112	NBMP count
Brown long-eared bat	2578	12-Nov-06	SK032925		0	BLE droppings and possible Pip droppings also
Brown long-eared bat	2573	12-Nov-06	SK032925		0	BLE droppings.
Brown long-eared bat	1732	31-Oct-04	SK032925		0	Droppings present
Brown long-eared bat	1731	31-Oct-04	SK032925		0	Droppings present.

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JNCC
Joint Nature Conservation Committee

Bat Conservation Trust
National Bat Monitoring Programme
Conserving bats with sound science

Metadata

Notes on interpreting data from NBMP surveys

General note: NBMP data are collected for the purposes of UK surveillance of bats according to a stratified random or other sampling design. The results do not, therefore, necessarily reflect the true distribution of the species in 1km squares, nor are they a complete record of species occurrence in each area, and properly designed surveys to assess species presence should still be carried out. However, they do contribute additional information to the recording effort for each region.

NB If planning to visit any Colony Count or Hibernation Survey sites listed in the dataset, it is very important to liaise with the named recorder (contact the NBMP team at nbmp@bats.org.uk if help is needed with contacting the recorder). This is to reduce disturbance at the site and check for landowner permissions and health and safety issues.

Survey methodologies

Colony Counts: Subject species are **common pipistrelle, soprano pipistrelle, pipistrelle sp** (i.e. not identified to species level), **serotine, Natterer's bat** and **lesser horseshoe**. A few incidental records of other species are also included. Volunteers carry out counts of bats emerging at dusk from known bat roosts, normally on two evenings in June, although some counts carried out in other months are also included. Counts commence at sunset or shortly before (depending on the species being counted); reasons for stopping the count are given in the dataset.

Field Survey: Subject species are **common pipistrelle, soprano pipistrelle, noctule** and **serotine**. Any other species encountered are not recorded. Volunteers are asked to carry out two surveys in July. The survey begins 20 minutes after sunset. Volunteers walk a roughly triangular transect within a 1km square normally selected from a list of randomly generated 1km grid refs. In each survey square the same route is followed each year (with slight variations if parts of the route become dangerous or inaccessible). Twelve spots, approximately evenly spaced, are marked out along the survey route. At each spot the bat detector is tuned around 50 kHz and common and soprano pipistrelle passes are counted for two minutes. While walking between each spot the bat detector is tuned around 25 kHz and noctule and serotine passes are recorded. NB the number of passes indicates levels of bat activity and not numbers of individual bats.

Waterway Survey: Subject species is **Daubenton's bat**, but a few incidental records of other species are also included. Volunteers are asked to carry out two surveys in August. The survey begins 40 minutes after sunset. Volunteers walk along a stretch of waterway of roughly 1km in length. Sites are normally selected from a list of waterways previously surveyed as part of the Environment Agency's River Habitats Survey. At each survey site the same route is followed each year (with slight variations if parts of the route become dangerous or inaccessible). Ten spots, approximately evenly spaced, are marked out along the survey route. At each spot Daubenton's bat passes are counted for four minutes with the bat detector tuned to 35 kHz. NB the number of passes indicates the levels of bat activity and not numbers of individual bats.

Hibernation Survey: Licensed volunteers visit known or potential bat hibernation sites, preferably once in January and once in February, although some counts from other months are also included. All bats seen are identified where possible and numbers are counted. The survey is biased towards hibernation sites which are accessible to humans, such as caves, mines and tunnels, so bat species which tend not to use such sites are under-recorded. The results are

also biased in favour of bats that hang in full view and against those that tend to conceal themselves in nooks and crannies. The ratio of bats seen to bats not seen is unknown. If no bats are recorded at a site it should not be assumed that bats are not present.

Sunset / Sunrise Survey: This survey takes place in July and August and is aimed at en P.T.O. new volunteers and enabling both new and experienced volunteers to locate new roosts in their local area. The survey comprises two parts, either or both of which may be carried out. The Sunset Survey involves going out into a garden or other open space at dusk, looking out for bats flying past and making a note of the general direction from which they appear to be arriving. The Sunrise Survey involves going out one hour before sunset and looking for bats "swarming" as they arrive back at their roosts. Observations made while doing the Sunset Survey on a preceding evening can be used to guide the volunteer in looking for possible roost sites. As many of the participants are beginners, the species identifications are not necessarily accurate. The main value of the data is recording the presence of bats and/or bat roosts in the survey area.

Interpretation of data

Established statistical techniques for interpreting data have been applied when producing national species population trends based on NBMP data. If you wish to refer to the methods used then please see the NBMP Annual Reports at http://www.bats.org.uk/pages/results_and_reports.html or contact us on 0845 1300 228 for a copy of the latest report.